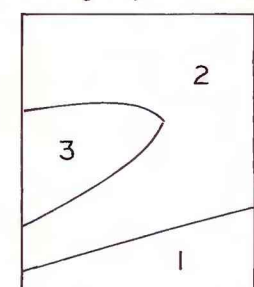


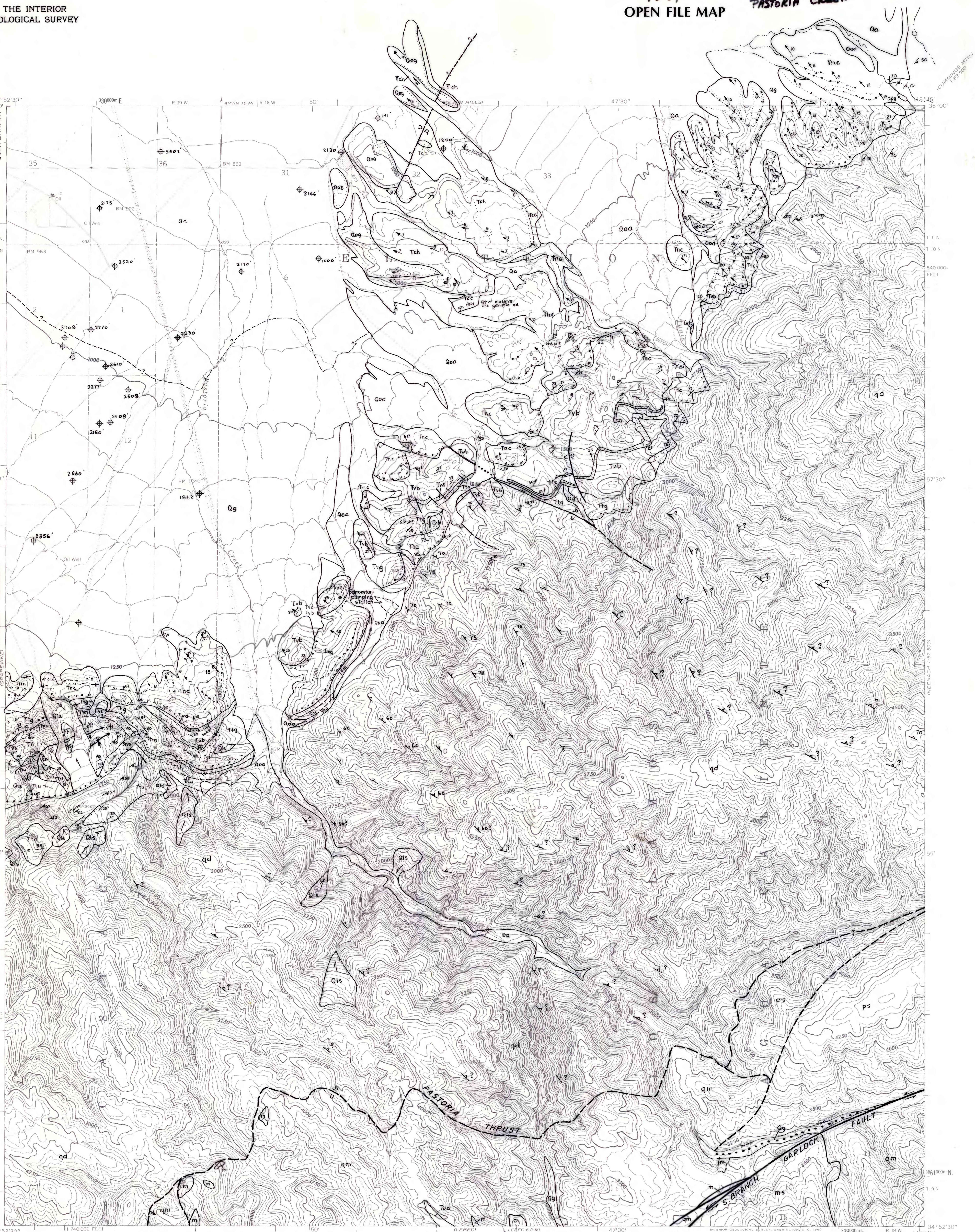
- Qg / Qa**
Surficial sediments
Qg-alluvial fan gravel
Qa-alluvium, (gravel, sand, clay)
- Qls**
Landslide debris
- Qoa**
Older alluvium and fan gravel
- Qog**
Older alluvial fan gravel
(may be equiv. to Tulare Fm.)
UNCONFORMITY
- Tch**
Tcc
Chanac Formation (terrestrial sediments)
Tch-fan gravel and granitic sand
Tcc-clay and sand
UNCONFORMITY
- Tnc**
Unnamed conglomerate
(weakly consolidated granitic alluvial
conglom., sandst., and claystone;
grades of intertongues down dip into
middle Miocene marine strata)
UNCONFORMITY
- Tva**
Andesitic rock (intrusive?)
- Tvb**
Tvd
Tvt
Volcanic rocks, (extrusive; inter-
tongues eastward into Tecuya Fm.)
Tvb-basalt flows (locally scoriaceous)
Tvd-dacite to andesite (porphyritic)
Tvt-tuff-breccia
- Ttg**
Ttc
Tecuya Formation (terrestrial)
Ttg-granitic sandst. and conglomerate
Ttc-granitic alluvial conglomerate
UNCONFORMITY ON GRANITIC ROCKS
- Ttm**
Ttl
Ttu
Tejon Formation (marine and
littoral, fossilif., late Eocene)
Ttm-Metralia Sandstone Member
Ttl-Liveock Shale Member, (silty
to sandy)
Ttu-Uvas Conglom. Member (includes
sandst., marine and non marine)
Tta-undivided arkosic sandstone;
includes some conglom. and coarse
sandst. of possible terrest. origin at
top and base
UNCONFORMITY
- qm** **gr**
qd
Granitic rocks
qm-quartz monzonite to granodiorite
gr-granite to quartz monzonite
qd-quartz diorite to diorite, includes
much gneiss locally
- ms**
Metasedimentary rocks
ms-schist and phyllite
m-marble
- ps**
Pelona Schist
- * See Nilsen et al., 1973, for
description and age of this unit
- † See Nilsen, 1973, for description
and age of this unit

- Contact
dashed where gradational or
approximately located
- Fault
dashed where uncertain
dotted where concealed
U-upthrown side
D-downthrown side, relatively
↓ indicates observed dip
of fault plane
↔ indicates relative
horizontal movement
- ↗ anticline ↘ syncline
Axis of fold
showing position at surface
and direction of plunge
- ↗ direction of dip ↘ overturned
↗ inclined ↘ vertical
Strike and dip of bedding
(in degree from horizontal)
- ↗ Strike and dip of foliation
- Downslope direction of move-
ment of landslide debris
- Sandstone bed Boulder bed
- 2356'
Abandoned test hole
drilled for oil or gas
(showing depth in feet)



- INDEX TO SOURCE
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Map by the Army Map Service
Edited and published by the Geological Survey
Control by USC&GS and U. S. Forest Service
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1942. Field check 1943
Revised by the Geological Survey 1958
Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 5
1000-meter Universal Transverse Mercator grid ticks,
zone 11, shown in blue
Dashed land lines indicate approximate locations
Dotted lines were established by private survey
Checked elevations are shown in brown

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1958

SCALE 1:24,000
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER
CONTOUR INTERVAL 50 FEET
DATUM IS MEAN SEA LEVEL

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

GEOLOGIC MAP OF THE PASTORIA CREEK QUADRANGLE, CALIFORNIA

COMPILED BY T.W. DIBBLEE JR., 1973

ROAD CLASSIFICATION
Light duty Unimproved dirt

PASTORIA CREEK, CALIF.
N3452.5-W11845.75

This map is preliminary and has not
been reviewed for conformity with
U.S. Geological Survey standards
and nomenclature.

5 July 1973 TWD